EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3226	(715/513,760,528).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 11:13
L2	1875	(345/522,589,603).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 11:13
L3	697	(717/137,146,159,14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 11:13
L4	5782	1 2 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 11:13
L5	1167	4 and @ad<="19970903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 11:14
L6	3	5 and (compil$3 near (html or xml or xhtml or wml or sgml))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 11:14
S1	2144	(715/513).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/11 11:13

EAST Search History

S2	38	US-5504917-$.DID. OR US-5513127-$.DID. OR US-5551015-$.DID. OR US-5586020-$.DID. OR US-5826089-$.DID. OR US-5877754-$.DID. OR US-5918013-$.DID. OR US-5914941-$.DID. OR US-5943680-$.DID. OR US-5966535-$.DID. OR US-5973696-$.DID. OR US-5974461-$.DID. OR US-5987256-$.DID. OR US-5978819-$.DID. OR US-6008816-$.DID. OR US-6023714-$.DID. OR US-6034667-$.DID. OR US-6381748-$.DID. OR US-6400371-$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 08:36
S3	338	chtml or (compiled near markup near language$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 08:36
S4	1	S2 and (chtml or (compiled near markup near language$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 08:37
S5	88	S3 and (tv$1 or television$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 08:39
S6	2	("5987256").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 08:40
S7	2	("6381748").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 08:53
S8	2	("5,974,461").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:07

EAST Search History

S9	2	("5504917").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:07
S10	2	("5513127").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:08
S11	2	("5551015").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:08
S12	2	("5586020").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:08
S13	2	("5826089").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:08
S14	2	("5877754").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:09
S15	2	("5918013").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:09
S16	2	("5914941").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:09
S17	2	("5943680").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:09
S18	2	("5966535").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:10

EAST Search History

S19	2	("5973696").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:10
S20	2	("5974461").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:10
S21	2	("5987256").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:10
S22	2	("5978819").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:11
S23	2	("6008816").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:11
S24	2	("6023714").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:11
S25	2	("6034667").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:12
S26	2	("6381748").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:12
S27	2	("6400371").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:21
S28	324	(345/522).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:22

S29	230	(345/601).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:22
S30	1070	(345/589).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:22
S31	202	(345/603).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:22
S32	269	(715/760).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:22
S33	62	(715/528).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:22
S34	131	(717/137).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:22
S35	248	(717/146).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:22
S36	246	(717/159).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:23
S37	70	(717/147).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:23
S38	2144	(715/513).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:23

EAST Search History

S39	4760	S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36 or S37 or S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:23
S40	1291	S39 and @ad<="19970903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:27
S41	2159	S39 and @ad<="19990716"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:28
S42	3	S40 and (CHTML or (compil$3 near HTML))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:27
S43	3	S42 and (CHTML or (compil$3 near HTML))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:27
S44	3	S42 and (CHTML or (compil$3 near5 HTML))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:27
S45	929	(CHTML or (compil$3 near5 (HTML or xml or sgml or xhtml)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:27
S46	31	S45 and @ad<="19970903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:28
S47	102	S45 and @ad<="19990716"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:28
S48	3	(US-5973696-$ or US-5745908-$ or US-5987256-$).did.	USPAT	OR	OFF	2006/02/14 10:59

EAST Search History

S49	1	S48 and position$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 10:59
S50	41	("5504917" | "5513127" | "5551015" | "5586020" | "5826089").PN. OR ("5987256").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/14 11:01
S51	3	S50 and ((relative or absolute) with (position$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/14 11:04
S52	3434	((relative or absolute) with (position$4)) with (object$1 or element$1) with (display$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/14 11:06
S53	1188	S52 and @ad<="19970903"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/14 11:06
S54	901	S53 and @pd<="19970903"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/14 11:06
S55	34	S54 and (html or web)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/14 11:11
S56	23	S54 and (rasteriz$3 or bitmap$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/14 12:01
S57	1	S56 and (pervasive or thin or pda)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/14 11:12
S58	64	(715/528).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:01
S59	5	(US-5973696-$ or US-5745908-$ or US-5987256-$ or US-5943680-$ or US-5806081-$).did.	USPAT	OR	OFF	2006/02/14 12:08
S60	5	S59 and (element$1 or object$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:10
S61	1	S59 and ((element$1 or object$1 or component$1) with position$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:11

EAST Search History

S62	1	S59 and ((element$1 or object$1 or component$1) same position$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:11
S63	2	S59 and ((element$1 or object$1 or component$1) and position$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:40
S64	3	(batch adj process$3) with html	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:41
S65	3599	(convert$3 with html)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:42
S66	9083	(html with (component$1 or element$1 or object$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:42
S67	133	((html with (component$1 or element$1 or object$1)) with compil$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:43
S68	1	((html with (component$1 or element$1 or object$1)) with compil$3 with television$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:43
S69	271	((html with (component$1 or element$1 or object$1)) with position$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:44
S70	21	((html with (component$1 or element$1 or object$1)) with associat$3 with position$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:45
S71	271	((html with (component$1 or element$1 or object$1)) with position$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:45

EAST Search History

S72	8951	(web or html) with (tv$1 or television$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:46
S73	1975	(web or html) near (tv$1 or television$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:46
S74	102	S73 and @ad<="19970903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:47
S75	4	S74 and @pd<="19970903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 12:47
S77	2	("6023714").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 14:56
S78	2	("6400371").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 14:57
S79	2772	(715/513,760,528).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 15:06
S80	1876	(345/522,601,589,603).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 15:14
S81	2772	(715/513,760,528).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 15:15
S82	629	(717/137,146,159,14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 15:16

S83	5262	S80 S81 S82	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 15:17
S84	1270	S83 and @ad<="19970903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 15:17
S85	437	chtml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 13:41
S86	488	chtml or (compiled adj html)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 13:41
S87	28	(chtml or (compiled adj html)) with (distinguish$3 or recogniz$3 or identify$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 13:42
S88	0	S87 and @ad<="19970903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 13:42
S89	0	("wu.in" and bo.in.) and (lu.in. and ling.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:27
S90	3	(wu.in. and bo.in.) and (lu.in. and ling.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:43
S91	316	(embedded adj browser$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:43
S92	6661	(embedded adj browser$1) or (internet adj appliance$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:43

EAST Search History

S93	11	(embedded adj browser$1) and (internet adj appliance$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:44
S94	0	(embedded adj browser$1) and (internet adj appliance$1) and (compil$3 with html)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:44
S95	29	(internet adj appliance$1) and (compil$3 with html)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:46
S96	1	S95 and @ad<="19970903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:46
S97	1389	(compil$3 with (xml or xhtml or wml or html))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:46
S98	46	S97 and @ad<="19970903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:47
S99	27	S98 and java	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:51
S100	0	S99 and (identify$3 with compil$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:51
S101	2	S99 and (identify$3 same compil$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:51

S10 2	38	US-5504917-$.DID. OR US-5513127-$.DID. OR US-5551015-$.DID. OR US-5586020-$.DID. OR US-5826089-$.DID. OR US-5877754-$.DID. OR US-5918013-$.DID. OR US-5914941-$.DID. OR US-5943680-$.DID. OR US-5966535-$.DID. OR US-5973696-$.DID. OR US-5974461-$.DID. OR US-5987256-$.DID. OR US-5978819-$.DID. OR US-6008816-$.DID. OR US-6023714-$.DID. OR US-6034667-$.DID. OR US-6381748-$.DID. OR US-6400371-$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/04 14:48
S10 3	2	S102 and (chtml or (compil$3 near html))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/04 14:49
S10 4	2	("5551015").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 13:21
S10 5	2	("5504917").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 13:23
S10 6	2	("5513127").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 13:23

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(chtml or (compil$3 with (html or xml or xhtml or wml or sgml))) and yuv and (television$1 or tv$1)	US-PGPUB	OR	OFF	2006/10/11 11:18
L2	5	((compil$3 with (html or xml or xhtml or wml or sgml))) and yuv and (television$1 or tv$1)	US-PGPUB	OR	OFF	2006/10/11 11:18
L3	0	2 and @ad<="19970903"	US-PGPUB	OR	OFF	2006/10/11 11:18

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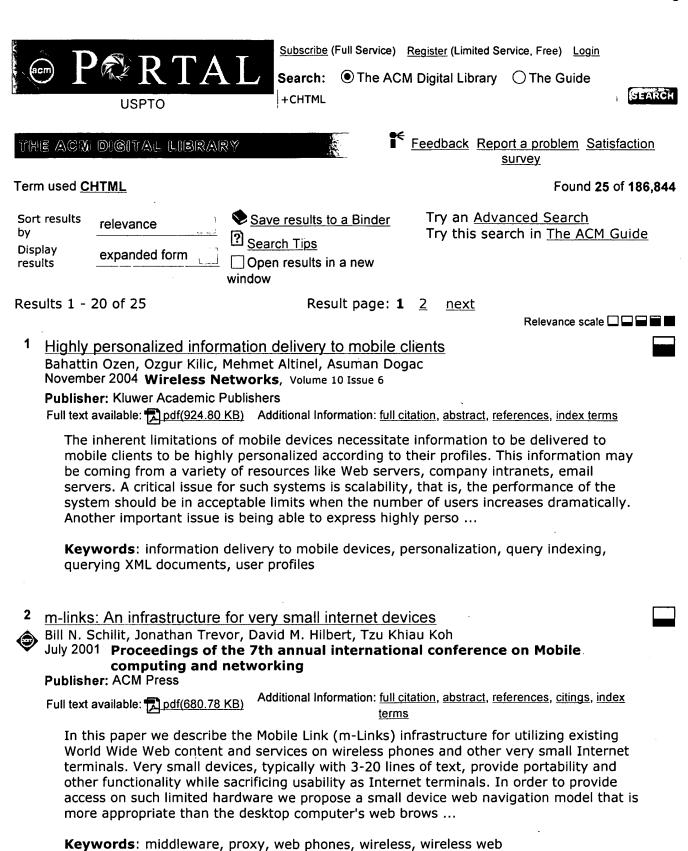
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Relevance scale ☐▢▬▮■

1 Highly personalized information delivery to mobile clients   ▬
Bahattin Ozen, Ozgur Kilic, Mehmet Altinel, Asuman Dogac
November 2004 **Wireless Networks**, Volume 10 Issue 6
Publisher: Kluwer Academic Publishers
Full text available: 📄 pdf(924.80 KB)   Additional Information: full citation, abstract, references, index terms

> The inherent limitations of mobile devices necessitate information to be delivered to mobile clients to be highly personalized according to their profiles. This information may be coming from a variety of resources like Web servers, company intranets, email servers. A critical issue for such systems is scalability, that is, the performance of the system should be in acceptable limits when the number of users increases dramatically. Another important issue is being able to express highly perso ...

> **Keywords**: information delivery to mobile devices, personalization, query indexing, querying XML documents, user profiles

2 m-links: An infrastructure for very small internet devices   ▬
Bill N. Schilit, Jonathan Trevor, David M. Hilbert, Tzu Khiau Koh
July 2001 **Proceedings of the 7th annual international conference on Mobile computing and networking**
Publisher: ACM Press
Full text available: 📄 pdf(680.78 KB)   Additional Information: full citation, abstract, references, citings, index terms

> In this paper we describe the Mobile Link (m-Links) infrastructure for utilizing existing World Wide Web content and services on wireless phones and other very small Internet terminals. Very small devices, typically with 3-20 lines of text, provide portability and other functionality while sacrificing usability as Internet terminals. In order to provide access on such limited hardware we propose a small device web navigation model that is more appropriate than the desktop computer's web brows ...

> **Keywords**: middleware, proxy, web phones, wireless, wireless web

3 Web technologies and applications (WTA): Design and implementation of   ▬
component-based adaptive Web presentations
Zoltán Fiala, Michael Hinz, Geert-Jan Houben, Flavius Frasincar

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**
Publisher: ACM Press
Full text available: pdf(260.96 KB)   Additional Information: full citation, abstract, references

Engineering adaptive Web applications implies the development of content that can be automatically adjusted to varying client devices and user preferences. To meet this requirement, the AMACONT project recently introduced a component-based XML document format. Configurable document components encapsulating adaptive behavior and layout are used on different abstraction levels in order to support flexible reuse for effective Web page generation. This paper focuses on the process of designing and i ...

Keywords: adaptive hypermedia, component-based Web engineering, design methods

4   Mobile services and technology track: Resource-based interdependencies in value networks for mobile internet services
Uta Wehn de Montalvo, Els van de Kar, Carleen Maitland
March 2004 **Proceedings of the 6th international conference on Electronic commerce ICEC '04**
Publisher: ACM Press
Full text available: pdf(254.94 KB)   Additional Information: full citation, abstract, references, index terms

The advent of new electronic platforms, such as fixed and mobile Internet, is forcing firms from a range of industries to come together in so-called 'value networks' for the provision of innovative services. Firms from different industries have widely varying resources. Our analysis is aimed at specific types of interdependencies, relating the actors own' and others' resource contributions to the value creation involved in bringing the service about. To better understand these interdependencies, ...

Keywords: interdependence, resource-based view, resources, strategic alliances, value networks

5   Design guidelines for mobile information and entertainment services: based on the Radio538 ringtunes i-mode service case study
Elisabeth van de Kar, Carleen F. Maitland, Uta Wehn de Montalvo, Harry Bouwman
September 2003 **Proceedings of the 5th international conference on Electronic commerce ICEC '03**
Publisher: ACM Press
Full text available: pdf(200.07 KB)   Additional Information: full citation, abstract, references, citings, index terms

The mobile telecommunications industry is undergoing rapid change, which is increasing the interdependency of firms in the sector. Mobile information and entertainment services will be delivered through inter-organizational networks of firms. This means the problems of service design must be resolved in the context of a complex value network. To shed light on these problems we present a case study of a ringtone service and from this develop guidelines for the design of similar services.

Keywords: design guidelines, inter-organizational networks, mobile information and entertainment services

6   Rising sun: iMode and the wireless Internet
Stuart J. Barnes, Sid L. Huff
November 2003 **Communications of the ACM**, Volume 46 Issue 11
Publisher: ACM Press

Full text available: ![pdf] pdf(181.27 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u>
![html] html(27.71 KB)   <u>terms</u>, <u>review</u>

Applying technology acceptance theory to understand why iMode has become so popular in Japan, and whether its popularity will extend to the rest of the world.

7 <u>Papers: On the move: From desktop to phonetop: a UI for web interaction on very small devices</u>
Jonathan Trevor, David M. Hilbert, Bill N. Schilit, Tzu Khiau Koh
November 2001 **Proceedings of the 14th annual ACM symposium on User interface software and technology**
Publisher: ACM Press

Full text available: ![pdf] pdf(1.34 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u>
<u>terms</u>

While it is generally accepted that new Internet terminals should leverage the installed base of Web content and services, the differences between desktop computers and very small devices makes this challenging. Indeed, the browser interaction model has evolved on desktop computers having a unique combination of user interface (large display, keyboard, pointing device), hardware, and networking capabilities. In contrast, Internet enabled cell phones, typically with 3-10 lines of text, sacrifice ...

Keywords: PDA, Web browsing, transcoding, transducing, web phone, wireless web

8 <u>Gaming: Item.tv: online game of "symphonic" media</u>
Genki Shimomura, Yasutaka Mori, Satoshi Yoshida, Masa Inakage
July 2003 **ACM SIGGRAPH 2003 Web Graphics SIGGRAPH '03**
Publisher: ACM Press
Full text available: ![pdf] pdf(404.99 KB)   Additional Information: <u>full citation</u>

9 <u>Mobile web/accessibility overlaps: The meaning of 'life': capturing intent from web authors</u>
Rhys Lewis
May 2006 **Proceedings of the 2006 international cross-disciplinary workshop on Web accessibility (W4A): Building the mobile web: rediscovering accessibility? W4A**
Publisher: ACM Press
Full text available: ![pdf] pdf(448.19 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Interest in accessing the Web from small, mobile devices, such as cell phones, is increasing rapidly. The challenge of delivering content to such devices is similar in many ways to the challenge of delivering it to users with disabilities. There is a real synergy between these use cases which offers the hope that solutions applicable to one will also be applicable to the other. This presentation will examine the ways in which recent work in standards, being driven by the need to support mobile W ...

Keywords: adaptation, authoring, mobile, semantics, web

10 <u>Poster 2: applications track: Implementation of a mobile MPEG-21 peer</u>
Shane Lauf, Ian Burnett
November 2005 **Proceedings of the 13th annual ACM international conference on Multimedia MULTIMEDIA '05**

Publisher: ACM Press

Full text available: 📄 pdf(91.15 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

The MPEG-21 Multimedia Framework aims to realize interoperable access to content across heterogeneous networks and devices. Within the Framework, the concept of Digital Items is introduced as a structured digital representation for multimedia. To demonstrate the applicability of MPEG-21 to seamless multimedia interactions on limited platforms, the authors have produced an implementation of MPEG-21 for a mobile device, in Java 2 Micro Edition (J2ME). This paper examines the design and implementat ...

Keywords: MPEG-21, mobile applications, multimedia

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11 <u>Document authoring, markup and manipulation 2: Content publishing framework for interactive paper documents</u>

Moira C. Norrie, Alexios Palinginis, Beat Signer

November 2005 **Proceedings of the 2005 ACM symposium on Document engineering DocEng '05**

Publisher: ACM Press

Full text available: 📄 pdf(721.89 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Paper persists as an important medium for documents and this has motivated the development of new technologies for interactive paper that enable actions on paper to be linked to digital actions. A major issue that remains is how to integrate these technologies into the document life cycle and, specifically, how to facilitate the authoring of links between printed documents and digital documents and services. We describe how we have extended a general web publishing framework to support the produ ...

Keywords: interactive paper, publishing framework

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12 <u>Evaluating the use of a virtual learning environment for teaching aspects of HCI</u>

Peter D. Chalk

June 2002 **ACM SIGCSE Bulletin , Proceedings of the 7th annual conference on Innovation and technology in computer science education ITiCSE '02,**
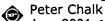Volume 34 Issue 3

Publisher: ACM Press

Full text available: 📄 pdf(240.76 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

In this paper, we describe the results of evaluating a taught module in Human-Computer Interaction (HCI). The focus of this paper is on the use of a virtual learning environment (VLE) - in the case WebCT - as a vehicle for both the taught content and assessment and for demonstrating important aspects of HCI. Evidence of student learning is presented and evaluated, including examples of work submitted through the VL, and the results of an evaluation questionnaire.

Keywords: HCI, VLE, WebCT, education

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13 <u>Scaffolding learning in virtual environments</u>

Peter Chalk

June 2001 **ACM SIGCSE Bulletin , Proceedings of the 6th annual conference on Innovation and technology in computer science education ITiCSE '01,**
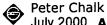Volume 33 Issue 3

Publisher: ACM Press

Full text available: 📄 pdf(360.85 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

As the use of on-line teaching environments increases, tutors need to identify the tasks, procedures and interventions that enhance the quality of student learning. One theory of instruction in problem solving is scaffolding and this is used as a guide to analysis of actual interventions by the author in a software engineering assignment. Stored models of the students' solutions show various misconceptions and the tutor's comments in each case are shown to belong to one of the six categories lis ...

14 Apprenticeship learning of software engineering using Webworlds

Peter Chalk

July 2000   **ACM SIGCSE Bulletin , Proceedings of the 5th annual SIGCSE/SIGCUE ITiCSEconference on Innovation and technology in computer science education ITiCSE '00**, Volume 32 Issue 3

Publisher: ACM Press

Full text available: pdf(487.34 KB)   Additional Information: full citation, abstract, references, citings, index terms

There is an increasing use of the World Wide Web in the teaching of topics in computer science. Many examples involving animation have been reported and other modeling environments (or 'Webworlds'), such as diagramming tools, are emerging. The software engineering curriculum includes topics such as testing and design, which can be supported by graphical editors. This paper presents three examples of software produced to support learning in this area and a detailed analysis of the results of one ...

15 Catching the boat with Strudel: experiences with a Web-site management system

Mary Fernández, Daniela Florescu, Jaewoo Kang, Alon Levy, Dan Suciu

June 1998 **ACM SIGMOD Record , Proceedings of the 1998 ACM SIGMOD international conference on Management of data SIGMOD '98**, Volume 27 Issue 2

Publisher: ACM Press

Full text available: pdf(1.81 MB)   Additional Information: full citation, abstract, references, citings, index terms

The Strudel system applies concepts from database management systems to the process of building Web sites. Strudel's key idea is separating the management of the site's data, the creation and management of the site's structure, and the visual presentation of the site's pages. First, the site builder creates a uniform model of all data available at the site. Second, the builder uses this model to declaratively define the Web site's structure by applying a "site-definition query" ...

16 Mobile data communications in China

Xu Yan

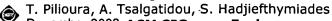December 2003 **Communications of the ACM**, Volume 46 Issue 12

Publisher: ACM Press

Full text available: pdf(107.61 KB)
html(22.47 KB)   Additional Information: full citation, abstract, references, index terms

Despite hundreds of millions of paying mobile subscribers and enormous potential for many more, the key to prosperity is enticing them to pay for extra services like text messaging and IP telephony.

17 Scenarios of using web services in M-commerce

T. Pilioura, A. Tsalgatidou, S. Hadjiefthymiades

December 2002 **ACM SIGecom Exchanges**, Volume 3 Issue 4

Publisher: ACM Press

Full text available: pdf(208.29 KB)   Additional Information: full citation, abstract, references, index terms

The web service paradigm is a promising technology for developing applications in open, distributed and heterogeneous environments. The proliferation of this new technology has

coincided with significant advances in the hardware and software capabilities of mobile devices. Due to the great benefits that come with the web service technology, such as interoperability, dynamic service discovery and reusability, there is a strong interest in making mobile devices capable of providing and consuming w ...

Keywords: m-commerce, web services, wireless devices

18 Development Consortium: Using digital technology to access and store African art

Gary Marsen, Katherine Malan, Edwin Blake
April 2002 **CHI '02 extended abstracts on Human factors in computing systems**
Publisher: ACM Press
Full text available: pdf(75.03 KB)   Additional Information: full citation, abstract, references

In this paper, we describe the challenges in creating, and providing access to, a database of African culutural artifacts. The submission is targeted at the setion 2 int he consortium - how HCI research is being used to support the African Renaissance.

Keywords: culture preservation, dynamic queries, mobile interaction

19 MEP: a media event platform

Daniel Olsson, Andreas Nilsson
June 2002 **Mobile Networks and Applications**, Volume 7 Issue 3
Publisher: Kluwer Academic Publishers
Full text available: pdf(224.85 KB)   Additional Information: full citation, abstract, references, index terms

Popular media events of today are likely to attract a big, live audience. Being part of a huge cricket audience, for example, knowing that the event is broadcast to perhaps millions of people, is a truly arousing experience. But the size of the audience and the complexity of events do not come without drawbacks. Spectators find it difficult to be at the right spot at the right time and to grasp the essentials of the on goings. We introduce a Media Event Platform, which combines various sources o ...

Keywords: events, media platform, mobile commerce, mobility

20 Design of sytems with concurrent error detection using software redundancy

Kien A. Hua, Jacob A. Abraham
November 1986 **Proceedings of 1986 ACM Fall joint computer conference**
Publisher: IEEE Computer Society Press
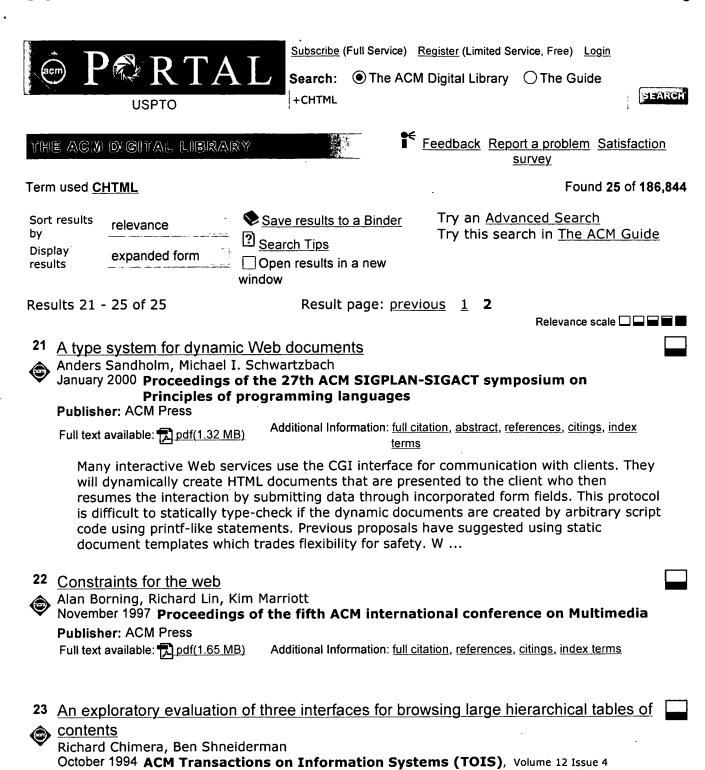Full text available: pdf(1.12 MB)   Additional Information: full citation, references, citings, index terms

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21 A type system for dynamic Web documents

Anders Sandholm, Michael I. Schwartzbach

January 2000 **Proceedings of the 27th ACM SIGPLAN-SIGACT symposium on Principles of programming languages**

Publisher: ACM Press

Full text available: 📄 pdf(1.32 MB)   Additional Information: full citation, abstract, references, citings, index terms

> Many interactive Web services use the CGI interface for communication with clients. They will dynamically create HTML documents that are presented to the client who then resumes the interaction by submitting data through incorporated form fields. This protocol is difficult to statically type-check if the dynamic documents are created by arbitrary script code using printf-like statements. Previous proposals have suggested using static document templates which trades flexibility for safety. W ...

22 Constraints for the web

Alan Borning, Richard Lin, Kim Marriott

November 1997 **Proceedings of the fifth ACM international conference on Multimedia**

Publisher: ACM Press

Full text available: 📄 pdf(1.65 MB)   Additional Information: full citation, references, citings, index terms

23 An exploratory evaluation of three interfaces for browsing large hierarchical tables of contents

Richard Chimera, Ben Shneiderman

October 1994 **ACM Transactions on Information Systems (TOIS)**, Volume 12 Issue 4

Publisher: ACM Press

Full text available: 📄 pdf(1.69 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

> Three different interfaces were used to browse a large (1296 items) table of contents. A fully expanded stable interface, expand/contract interface, and multipane interface were studied in a between-groups experiment with 41 novice participants. Nine timed fact retrieval tasks were performed; each task is analyzed and discussed separately. We found that both the expand/contract and multipane interfaces produced significantly faster times than the stable interface for many tasks using this I ...

Keywords: browsing, hierarchies, table of contents, user interfaces

24 Engineering client systems: Do text transcoders improve usability for disabled users?
Giorgio Brajnik, Daniela Cancila, Daniela Nicoli, Mery Pignatelli
May 2005 **Proceedings of the 2005 International Cross-Disciplinary Workshop on Web Accessibility (W4A) W4A '05**
Publisher: ACM Press
Full text available: pdf(244.75 KB)   Additional Information: full citation, abstract, references

Text transcoders are web--server systems that produce, on the fly, a text-only version of a web page requested by a user of a browser. Although the potential benefits of text transcoders axe multifaceted and discussions on appropriateness of text transcoders to produce accessible versions of web sites are still ongoing, at the moment the impact of transcoded pages on disabled web users has not been scientifically studied yet.This paper describes an experiment aimed at evaluating usability of web ...

25 Posters: An efficient and systematic method to generate xslt stylesheets for different wireless pervasive devices
Thomas Kwok, Thao Nguyen, Linh Lam, Kakan Roy
May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**
Publisher: ACM Press
Full text available: pdf(201.76 KB)   Additional Information: full citation, abstract, references, index terms

It is a tedious and cumbersome process to update directly a WML document for the wireless Web because its content composes of both data and presentation. Thus, XML is used to handle the data while its XSLT stylesheet is used to extract and format the data for presentation. However, different stylesheets have to be used for different devices. An efficient and systematic method based on the idea of generating two separate sets of rules corresponding to content extracting and formatting parts of th ...

Keywords: PDA, WML, XML, XSLT, pervasive devices

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